

## ABSTRACT OF THE DISCLOSURE

A transmitter transmits an optical signal to a receiver for optical wireless communications. The receiver returns to the transmitter a pilot light  
5 representing light-receiving level information of the received optical signal. The transmitter has a set of  $2 \times 2$  light-receiving elements for receiving the pilot light returned from the receiver, and executes a rough optical axis adjustment based on the difference among the light-receiving levels detected by respective light-receiving elements. Then, the transmitter executes a fine  
10 optical axis adjustment based on the light-receiving level information contained in the pilot light.